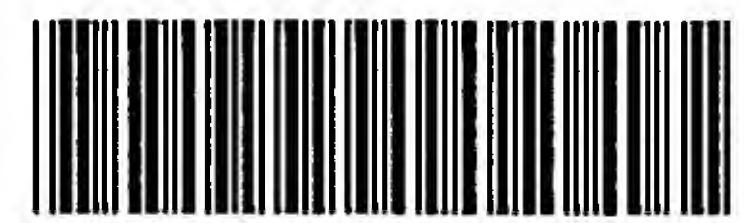


5630



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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/889,936A

DATE: 04/12/2002
TIME: 14:55:51

Input Set : A:\WILLNER5.txt
Output Set: N:\CRF3\04122002\I889936A.raw

ENTERED

3 <110> APPLICANT: WILLNER, Itamar
4 ESHHAR, Zelig
6 <120> TITLE OF INVENTION: DETECTION OF SMALL MOLECULES BY USE OF A PIEZOELECTRIC
SENSOR
8 <130> FILE REFERENCE: WILLNER=5
10 <140> CURRENT APPLICATION NUMBER: US 09/889,936A
11 <141> CURRENT FILING DATE: 2001-07-25
13 <150> PRIOR APPLICATION NUMBER: PCT/IL00/00048
14 <151> PRIOR FILING DATE: 2000-01-25
16 <150> PRIOR APPLICATION NUMBER: IL 128212
17 <151> PRIOR FILING DATE: 1999-01-25
19 <160> NUMBER OF SEQ ID NOS: 8
21 <170> SOFTWARE: PatentIn version 3.1
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25 <212> TYPE: DNA
26 <213> ORGANISM: Homo sapiens
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73 1 5 10 15
75 ctg tct gat gtg cag ctt cag gag tcg gga cct ggc ctg gtg aag cct 96
76 Leu Ser Asp Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro
77 20 25 30
79 tcc cag tct ctg tcc ctc acc tgc tct gtc act ggt tac tca atc acc 144
80 Ser Gln Ser Leu Ser Leu Thr Cys Ser Val Thr Gly Tyr Ser Ile Thr
81 35 40 45
83 agt ggt tat gcc tgg aac tgg atc cgg cag ttt cca gga aac aaa ctg 192
84 Ser Gly Tyr Ala Trp Asn Trp Ile Arg Gln Phe Pro Gly Asn Lys Leu
85 50 55 60
87 gag tgg atg ggc tac ata agc tac agt ggt ttc act agc tac aac cca 240
88 Glu Trp Met Gly Tyr Ile Ser Tyr Ser Gly Phe Thr Ser Tyr Asn Pro
89 65 70 75 80
91 tct ctc aga agt cga atc tct ttc act cga gac aca tcc aag aac cag 288
92 Ser Leu Arg Ser Arg Ile Ser Phe Thr Arg Asp Thr Ser Lys Asn Gln
93 85 90 95
95 ttc ttc ctg cag ttg aat tct gtg act tct gag gac aca gcc aca tat 336
96 Phe Phe Leu Gln Leu Asn Ser Val Thr Ser Glu Asp Thr Ala Thr Tyr
97 100 105 110
99 tac tgt gca aga tgg gac tac ggt act acc tac ggg tac ttc gat gtc 384
100 Tyr Cys Ala Arg Trp Asp Tyr Gly Thr Thr Tyr Gly Tyr Phe Asp Val
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120 20 25 30
123 Ser Gln Ser Leu Ser Leu Thr Cys Ser Val Thr Gly Tyr Ser Ile Thr
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127 Ser Gly Tyr Ala Trp Asn Trp Ile Arg Gln Phe Pro Gly Asn Lys Leu
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132 65 70 75 80
135 Ser Leu Arg Ser Arg Ile Ser Phe Thr Arg Asp Thr Ser Lys Asn Gln
136 85 90 95
139 Phe Phe Leu Gln Leu Asn Ser Val Thr Ser Glu Asp Thr Ala Thr Tyr
140 100 105 110
143 Tyr Cys Ala Arg Trp Asp Tyr Gly Thr Thr Tyr Gly Tyr Phe Asp Val

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167	tca gca gga gag aag gtc act atg agc tgc aag tcc agt cag agt ctg			96
168	Ser Ala Gly Glu Lys Val Thr Met Ser Cys Lys Ser Ser Gln Ser Leu			
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172	Leu Asn Ser Arg Asn Gln Lys Asn Tyr Leu Ala Trp Tyr Gln Gln Lys			
173	35 40 45			
175	cca gga cag cct cct aaa ctt ttg atc tac ggg gta ttt att agg gat			192
176	Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Gly Val Phe Ile Arg Asp			
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179	tct ggg gtc cct gat cgc ttc aca ggc agt gga tct gga acc gat ttc			240
180	Ser Gly Val Pro Asp Arg Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe			
181	65 70 75 80			
183	act ctt acc atc agc agt gtg cag gct gaa gac ctg gca gtt tat tac			288
184	Thr Leu Thr Ile Ser Ser Val Gln Ala Glu Asp Leu Ala Val Tyr Tyr			
185	85 90 95			
187	tgt cag aat gat cat att tat ccg tac acg ttc gga ggg ggg acc aag			336
188	Cys Gln Asn Asp His Ile Tyr Pro Tyr Thr Phe Gly Gly Thr Lys			
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211	Leu Asn Ser Arg Asn Gln Lys Asn Tyr Leu Ala Trp Tyr Gln Gln Lys			
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219 Ser Gly Val Pro Asp Arg Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe
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223 Thr Leu Thr Ile Ser Ser Val Gln Ala Glu Asp Leu Ala Val Tyr Tyr
224 85 90 95
227 Cys Gln Asn Asp His Ile Tyr Pro Tyr Thr Phe Gly Gly Gly Thr Lys
228 100 105 110
231 Leu Glu Ile Lys
232 115

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VERIFICATION SUMMARY

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